

# Intensificación Colaborativa

Nombre: José Manuel

Apellidos: Miret Martín

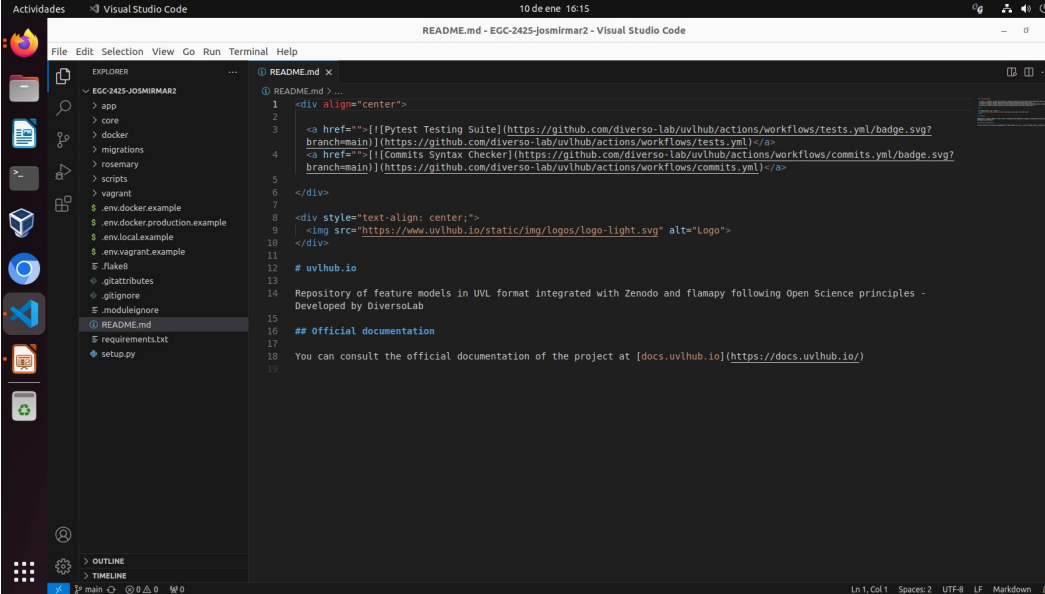
UVUS: josmirmar2

Enlace al repositorio de GitHub:

<https://github.com/josmirmar2/EGC-2425>

# Ejercicio Git

## *Apartado 1*



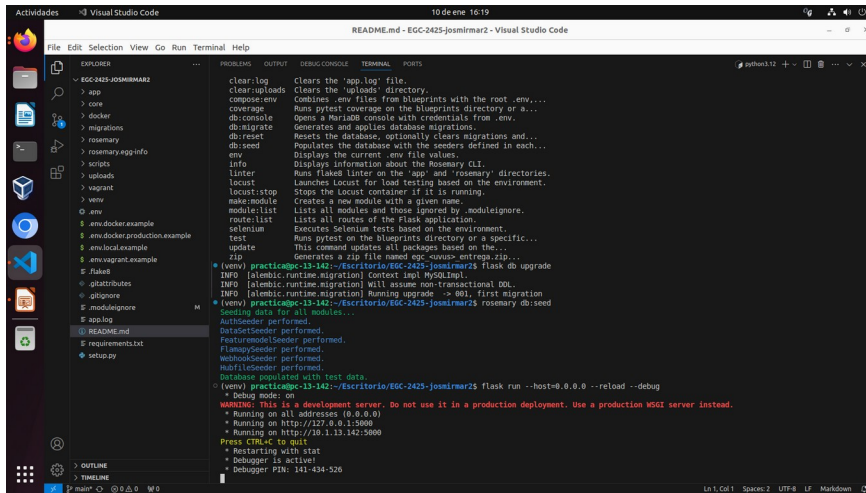
The screenshot shows the Visual Studio Code interface with a dark theme. The Explorer sidebar on the left displays a file tree for a project named 'EGC-2425-JOSMIRMAR2'. The file tree includes folders like 'app', 'core', 'docker', 'migrations', 'rosemary', 'scripts', and 'vagrant', as well as files like '.env.docker.example', '.env.docker.production.example', '.env.local.example', '.env.vagrant.example', '.flake8', '.gitattributes', '.gitignore', '.moduleignore', 'README.md', 'requirements.txt', and 'setup.py'. The 'README.md' file is selected and its content is displayed in the main editor area. The code in the editor includes HTML links for Pytest and Commit checks, a logo for 'uvlhub.io', and project description text.

```
1 <div align="center">
2
3 <a href="https://github.com/diverso-lab/uvlhub/actions/workflows/tests.yml?branch=main">[[Pytest Testing Suite]]</a>
4 <a href="https://github.com/diverso-lab/uvlhub/actions/workflows/commits.yml?branch=main">[[Commits Syntax Checker]]</a>
5 </div>
6
7 <div style="text-align: center;">
8 |
9 </div>
10
11 # uvlhub.io
12
13 Repository of feature models in UVL format integrated with Zenodo and flamapy following Open Science principles -
14 Developed by DiversioLab
15
16 ## Official documentation
17
18 You can consult the official documentation of the project at [docs.uvlhub.io](https://docs.uvlhub.io/)
```

En un inicio he hecho toda la configuración de git, incluyendo en mi cuenta el ssh Del ordenador para que pueda empezar con el proyecto (practica 1, apartado 7)

# Ejercicio Git

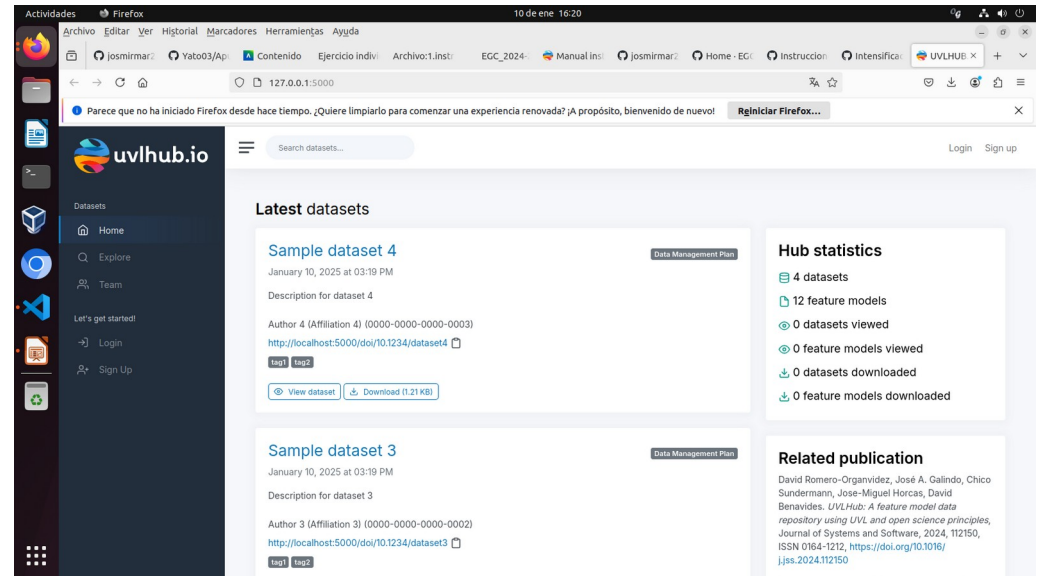
## Apartado 2



```
README.md - EGC-2425-josmirmar2 - Visual Studio Code

clear:log
clear:uploads
composer:env
coverage
db:console
db:migrate
db:reset
db:seed
env
info
linter
locust
locust:stop
make:module
module:list
route:list
selenium
test
update
zip

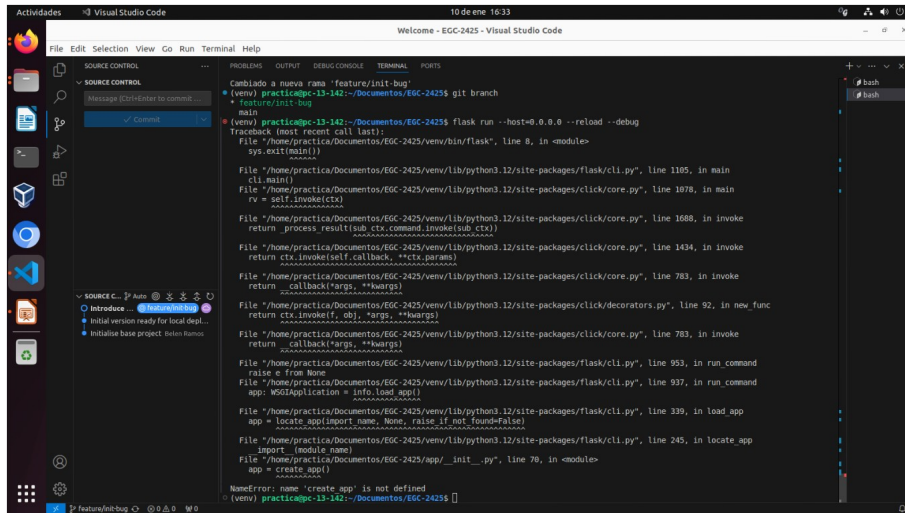
(wenv) practicagc-13-142-@Escritorio\EGC-2425-josmirmar2 flask @ upgrade
INFO [alembic.runtime.migration] Context impl MySQLImpl.
INFO [alembic.runtime.migration] Will assume non-transactional DDL.
INFO [alembic.runtime.migration] Running upgrade -> 001, first migration
(wenv) practicagc-13-142-@Escritorio\EGC-2425-josmirmar2 rosemary db:seed
Seeding data for all modules...
Autoseeder performed.
DatabaseSeeder performed.
FeaturemodelSeeder performed.
FlawpySeeder performed.
WebhookSeeder performed.
HubSeeder performed.
Database populated with test data.
(wenv) practicagc-13-142-@Escritorio\EGC-2425-josmirmar2 flask run --host=0.0.0.0 --reload --debug
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on all addresses (0.0.0.0)
* Running on http://127.0.0.1:5000
* Running on http://10.1.13.142:5000
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 131-534-526
```



Aquí he seguido la guía que se encuentra en el apartado 8 de la práctica 8 previamente

# Ejercicio Git

## *Apartado 3*



The screenshot shows the Visual Studio Code interface with a terminal window open. The terminal displays the output of a `flask run` command, which results in a `NameError: name 'create_app' is not defined`. The error traceback indicates that the `create_app` function is not found in the `WSGIApplication` object. The code in the background shows a Flask application with a `cli` command and a `load_app` function, but the `create_app` function is not defined.

```

Cambiado a nueva rama 'feature/init-bug'
(venv) practice@13-142:~/Documents/EGC-2425$ git branch
* feature/init-bug
main
(venv) practice@13-142:~/Documents/EGC-2425$ flask run --host=0.0.0.0 --reload --debug
Traceback (most recent call last):
  File "/home/practica/Documents/EGC-2425/venv/bin/flask", line 8, in <module>
    sys.exit(main())
  File "/home/practica/Documents/EGC-2425/venv/lib/python3.12/site-packages/flask/cli.py", line 1105, in main
    cli.main()
  File "/home/practica/Documents/EGC-2425/venv/lib/python3.12/site-packages/click/core.py", line 1078, in main
    rv = self.invoke(ctx)
  File "/home/practica/Documents/EGC-2425/venv/lib/python3.12/site-packages/click/core.py", line 1688, in invoke
    return process_result(ctx.invoke(cmd, *args, **kwargs))
  File "/home/practica/Documents/EGC-2425/venv/lib/python3.12/site-packages/click/core.py", line 1434, in invoke
    return ctx.invoke(self.callback, **ctx.params)
  File "/home/practica/Documents/EGC-2425/venv/lib/python3.12/site-packages/click/core.py", line 783, in invoke
    return _callback(*args, **kwargs)
  File "/home/practica/Documents/EGC-2425/venv/lib/python3.12/site-packages/click/decorators.py", line 92, in new_func
    return ctx.invoke(f, obj, *args, **kwargs)
  File "/home/practica/Documents/EGC-2425/venv/lib/python3.12/site-packages/click/core.py", line 783, in invoke
    return _callback(*args, **kwargs)
  File "/home/practica/Documents/EGC-2425/venv/lib/python3.12/site-packages/flask/cli.py", line 953, in run_command
    raise e from None
  File "/home/practica/Documents/EGC-2425/venv/lib/python3.12/site-packages/flask/cli.py", line 937, in run_command
    app = WSGIApplication(*info.load_app())
  File "/home/practica/Documents/EGC-2425/venv/lib/python3.12/site-packages/flask/cli.py", line 339, in load_app
    app = locate_app(import_name, None, raise_if_not_found=False)
  File "/home/practica/Documents/EGC-2425/venv/lib/python3.12/site-packages/flask/cli.py", line 245, in locate_app
    import _module_name
  File "/home/practica/Documents/EGC-2425/app/_init_.py", line 78, in <module>
    app = create_app()
  File "/home/practica/Documents/EGC-2425/app/_init_.py", line 78, in <module>
    app = create_app()
NameError: name 'create_app' is not defined
(venv) practice@13-142:~/Documents/EGC-2425$
```

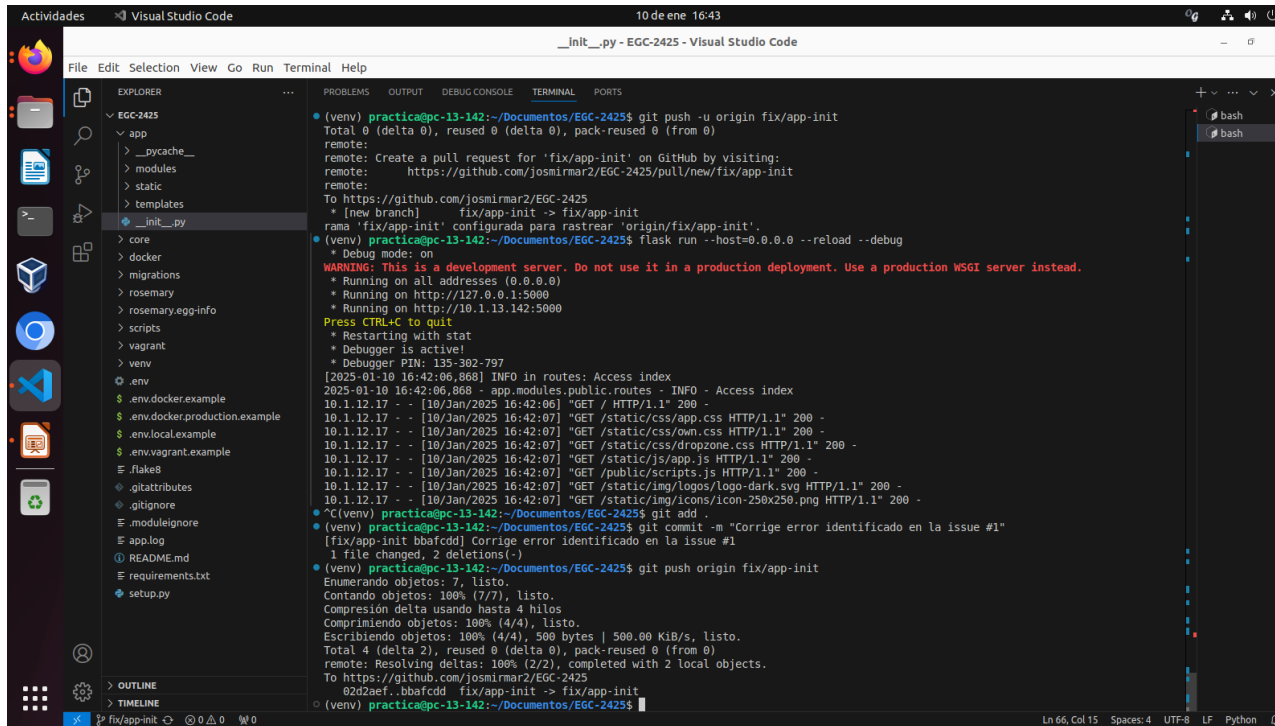
# Ejercicio Git

## *Apartado 4*

Hhe creado la issue según mi grupo y yo hemos hecho en nuestro proyecto, con sus labels y quien lo ha reportado y quien se encarga de solucionarlo

# Ejercicio Git

## Apartado 5



The screenshot shows the Visual Studio Code interface with the Explorer view on the left displaying a project structure. The main editor area shows a terminal window with the following output:

```
(venv) practica@pc-13-142:~/Documentos/EGC-2425$ git push -u origin fix/app-init
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: Create a pull request for 'fix/app-init' on GitHub by visiting:
remote:   https://github.com/josmirmar2/EGC-2425/pull/new/fix/app-init
remote:
To https://github.com/josmirmar2/EGC-2425
 * [new branch]      fix/app-init -> fix/app-init
rama 'fix/app-init' configurada para rastrear 'origin/fix/app-init'.
(venv) practica@pc-13-142:~/Documentos/EGC-2425$ flask run --host=0.0.0.0 --reload --debug
 * Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
 * Running on all addresses (0.0.0.0)
 * Running on http://127.0.0.1:5000
 * Running on http://10.1.13.142:5000
Press CTRL+C to quit
 * Restarting with stat
 * Debugger is active!
 * Debugger PIN: 135-302-797
[2025-01-10 16:42:06.868] INFO in routes: Access index
2025-01-10 16:42:06.868 - app.modules.public.routes - INFO - Access index
10.1.12.17 - - [10/Jan/2025 16:42:06] "GET / HTTP/1.1" 200 -
10.1.12.17 - - [10/Jan/2025 16:42:07] "GET /static/css/app.css HTTP/1.1" 200 -
10.1.12.17 - - [10/Jan/2025 16:42:07] "GET /static/css/own.css HTTP/1.1" 200 -
10.1.12.17 - - [10/Jan/2025 16:42:07] "GET /static/css/dropzone.css HTTP/1.1" 200 -
10.1.12.17 - - [10/Jan/2025 16:42:07] "GET /static/js/app.js HTTP/1.1" 200 -
10.1.12.17 - - [10/Jan/2025 16:42:07] "GET /public/scripts.js HTTP/1.1" 200 -
10.1.12.17 - - [10/Jan/2025 16:42:07] "GET /static/img/logos/logo-dark.svg HTTP/1.1" 200 -
10.1.12.17 - - [10/Jan/2025 16:42:07] "GET /static/img/icons/icon-250x250.png HTTP/1.1" 200 -
(venv) practica@pc-13-142:~/Documentos/EGC-2425$ git add .
(venv) practica@pc-13-142:~/Documentos/EGC-2425$ git commit -m "Corrige error identificado en la issue #1"
[fix/app-init bbafeedd] Corrige error identificado en la issue #1
1 file changed, 2 deletions(-)
(venv) practica@pc-13-142:~/Documentos/EGC-2425$ git push origin fix/app-init
Enumerando objetos: 7, listo.
Contando objetos: 100% (7/7), listo.
Compresion delta usando hasta 4 hilos
Comprimiendo objetos: 100% (4/4), listo.
Escribiendo objetos: 100% (4/4), 500 bytes | 500.00 KiB/s, listo.
Total 4 (delta 2), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
To https://github.com/josmirmar2/EGC-2425
02d2aef..bbafeedd fix/app-init -> fix/app-init
(venv) practica@pc-13-142:~/Documentos/EGC-2425$
```

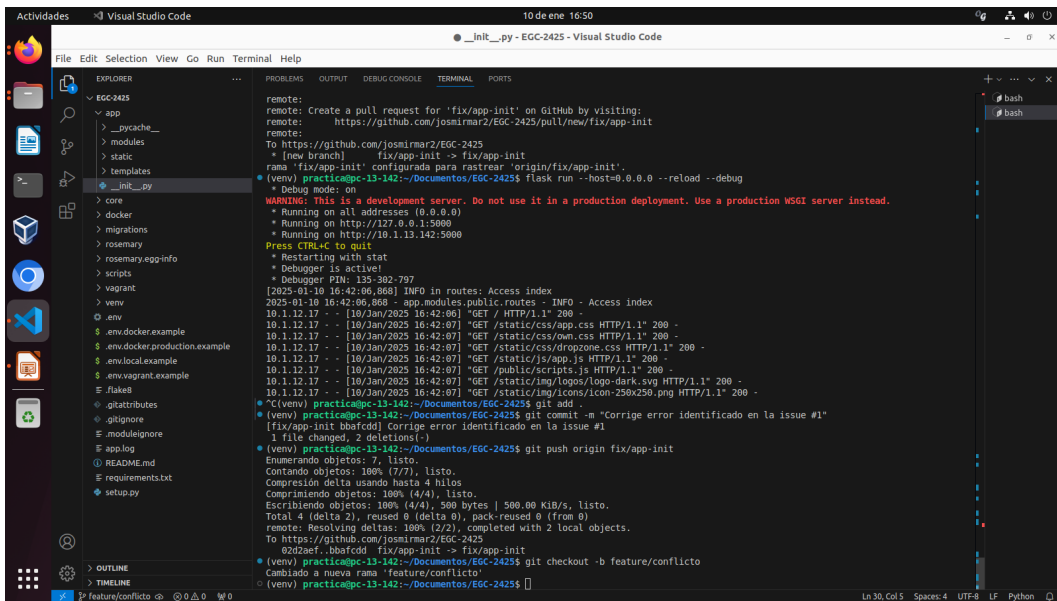
# Ejercicio Git

## *Apartado 6*

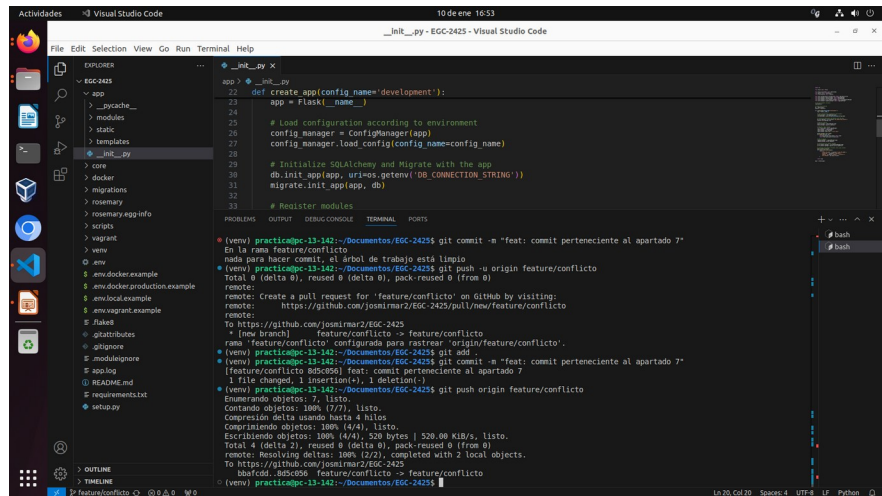
He creado la pull request, la cual la puedes ver en el repositorio que te he Compartido. A su vez, he cerrado la issue

# Ejercicio Git

## Apartado 7



```
remote: Create a pull request for 'fix/app-init' on GitHub by visiting:
remote: https://github.com/josimmar2/EGC-2425/pull/new/fix/app-init
remote:
To https://github.com/josimmar2/EGC-2425
 * [new branch] fix/app-init -> fix/app-init
rama 'fix/app-init' configurada para rastrear 'origin/fix/app-init'.
(venv) practica@pc-13-142:~/Documentos/EGC-2425$ flask run --host=0.0.0.0 --reload --debug
 * Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
 * Running on all addresses (0.0.0.0)
 * Running on http://127.0.0.1:5000
 * Running on http://10.1.13.142:5000
Press CTRL+C to quit
 * Restarting with stat
 * Debugger is active!
 * Debugger PIN: 135-302-797
[2025-01-10 16:42:06.868] INFO in routes: Access index
2025-01-10 16:42:06.868 - app.modules.public.routes - INFO - Access index
10.1.12.17 - - [10/Jan/2025 16:42:06] "GET / HTTP/1.1" 200 -
10.1.12.17 - - [10/Jan/2025 16:42:07] "GET /static/css/app.css HTTP/1.1" 200 -
10.1.12.17 - - [10/Jan/2025 16:42:07] "GET /static/css/own.css HTTP/1.1" 200 -
10.1.12.17 - - [10/Jan/2025 16:42:07] "GET /static/js/app.js HTTP/1.1" 200 -
10.1.12.17 - - [10/Jan/2025 16:42:07] "GET /public/scripts.js HTTP/1.1" 200 -
10.1.12.17 - - [10/Jan/2025 16:42:07] "GET /static/img/logos/Logo-dark.svg HTTP/1.1" 200 -
10.1.12.17 - - [10/Jan/2025 16:42:07] "GET /static/img/icons/icon-250x250.png HTTP/1.1" 200 -
^C(venv) practica@pc-13-142:~/Documentos/EGC-2425$ git add .
(venv) practica@pc-13-142:~/Documentos/EGC-2425$ git commit -m "Corrige error identificado en la issue #1"
[fix/app-init bbafcd] Corrige error identificado en la issue #1
1 file changed, 2 deletions(-)
(venv) practica@pc-13-142:~/Documentos/EGC-2425$ git push origin fix/app-init
Enumerando objetos: 7, listo.
Contando objetos: 100% (7/7), listo.
Compresión delta usando hasta 4 hilos.
Comprimiendo objetos: 100% (4/4), listo.
Escribiendo objetos: 100% (4/4), 500 bytes | 500.00 KiB/s, listo.
Total 4 (delta 2), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
To https://github.com/josimmar2/EGC-2425
 * [new branch] fix/app-init -> fix/app-init
(venv) practica@pc-13-142:~/Documentos/EGC-2425$ git checkout -b feature/conflicto
Cambiado a nueva rama 'feature/conflicto'
(venv) practica@pc-13-142:~/Documentos/EGC-2425$
```



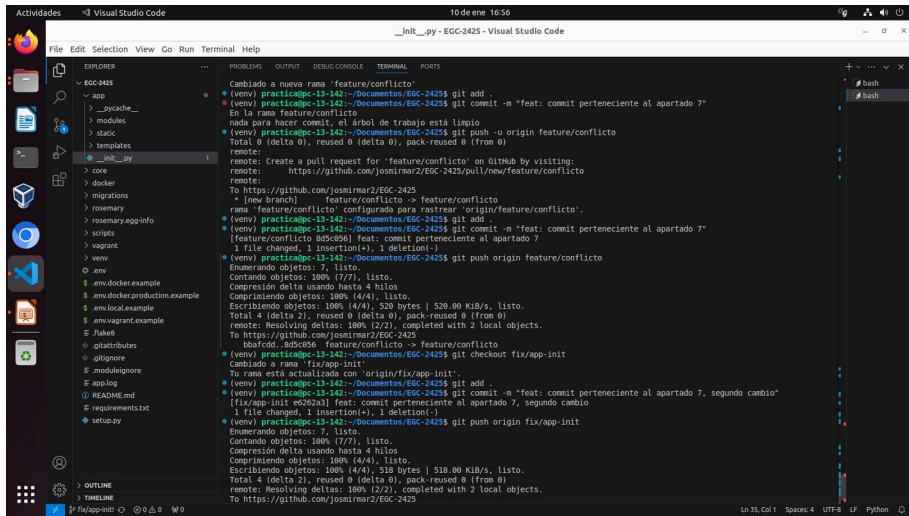
```
22: def create_app(config_name='development'):
23:     app = Flask(__name__)
24:
25:     # Load configuration according to environment
26:     config_manager = ConfigurationManager(app)
27:     config_manager.load_config(config_name=config_name)
28:
29:     # Initialize SQLAlchemy and Migrate with the app
30:     db.init_app(app, url=cfg.getenv('DB_CONNECTION_STRING'))
31:     migrate.init_app(app, db)
32:
33:     # Register modules
34:
35:     return app
36:
37: if __name__ == '__main__':
38:     app = create_app()
39:     app.run(host='0.0.0.0', port=5000, debug=True)
```

```
(venv) practica@pc-13-142:~/Documentos/EGC-2425$ git commit -m "feat: comit perteneciente al apartado 7"
En la rama feature/conflicto
nada para hacer comit, el árbol de trabajo está limpio
(venv) practica@pc-13-142:~/Documentos/EGC-2425$ git push -u origin feature/conflicto
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Create a pull request for 'feature/conflicto' on GitHub by visiting:
remote: https://github.com/josimmar2/EGC-2425/pull/new/feature/conflicto
remote:
To https://github.com/josimmar2/EGC-2425
 * [new branch] feature/conflicto -> feature/conflicto
rama 'feature/conflicto' configurada para rastrear 'origin/feature/conflicto'.
(venv) practica@pc-13-142:~/Documentos/EGC-2425$ git add
(venv) practica@pc-13-142:~/Documentos/EGC-2425$ git commit -m "feat: comit perteneciente al apartado 7"
[feature/conflicto b5d586] feat: comit perteneciente al apartado 7
1 file changed, 1 insertion(+), 1 deletion(-)
(venv) practica@pc-13-142:~/Documentos/EGC-2425$ git push origin feature/conflicto
Enumerando objetos: 7, listo.
Contando objetos: 100% (7/7), listo.
Compresión delta usando hasta 4 hilos.
Comprimiendo objetos: 100% (4/4), listo.
Escribiendo objetos: 100% (4/4), 520 bytes | 520.00 KiB/s, listo.
Total 4 (delta 2), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
To https://github.com/josimmar2/EGC-2425
 * [new branch] feature/conflicto -> feature/conflicto
(venv) practica@pc-13-142:~/Documentos/EGC-2425$
```



# Ejercicio Git

## Apartado 7

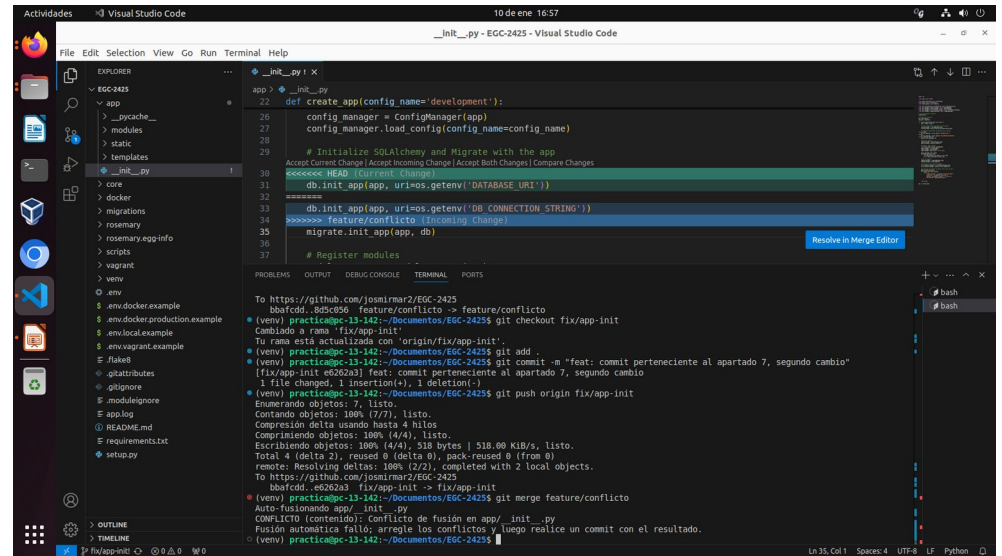


```
git add .
git commit -m 'feat: commit perteneciente al apartado 7'
git push -u origin feature/conflicto
git pull request create --base=main --head=feature/conflicto
git merge feature/conflicto
git push
```

remote: Create a pull request for 'feature/conflicto' on GitHub by visiting:  
remote: https://github.com/josimar2/EGC-2425/pull/new/feature/conflicto

remote: Enumerando objetos: 7, listo.  
remote: Comprimiendo objetos: 100% (7/7), listo.  
remote: Comprimiendo objetos: 100% (4/4), listo.  
remote: Escribiendo objetos: 100% (4/4), 520 bytes | 520.00 KiB/s, listo.  
remote: Total 4 (delta 2), reused 0 (delta 0), pack-reused 0 (from 0)  
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.  
remote: To https://github.com/josimar2/EGC-2425: feature/conflicto  
remote: 1 file changed, 1 insertion(+), 1 deletion(-)

remote: Enumerando objetos: 7, listo.  
remote: Comprimiendo objetos: 100% (7/7), listo.  
remote: Comprimiendo objetos: 100% (4/4), listo.  
remote: Escribiendo objetos: 100% (4/4), 518 bytes | 518.00 KiB/s, listo.  
remote: Total 4 (delta 2), reused 0 (delta 0), pack-reused 0 (from 0)  
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.  
remote: To https://github.com/josimar2/EGC-2425: feature/conflicto  
remote: 1 file changed, 1 insertion(+), 1 deletion(-)



```
git add .
git commit -m 'feat: commit perteneciente al apartado 7'
git push -u origin feature/conflicto
git pull request create --base=main --head=feature/conflicto
git merge feature/conflicto
git push
```

remote: Create a pull request for 'feature/conflicto' on GitHub by visiting:  
remote: https://github.com/josimar2/EGC-2425/pull/new/feature/conflicto

remote: Enumerando objetos: 7, listo.  
remote: Comprimiendo objetos: 100% (7/7), listo.  
remote: Comprimiendo objetos: 100% (4/4), listo.  
remote: Escribiendo objetos: 100% (4/4), 518 bytes | 518.00 KiB/s, listo.  
remote: Total 4 (delta 2), reused 0 (delta 0), pack-reused 0 (from 0)  
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.  
remote: To https://github.com/josimar2/EGC-2425: feature/conflicto  
remote: 1 file changed, 1 insertion(+), 1 deletion(-)

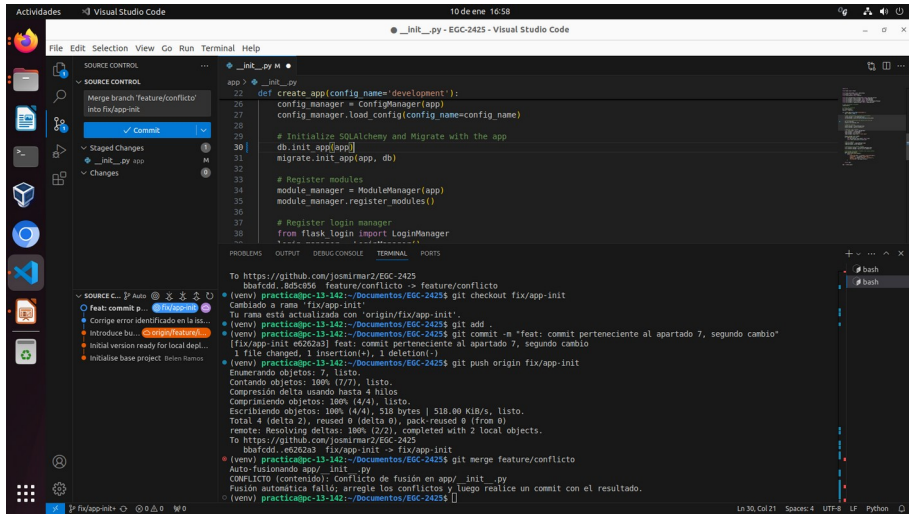
remote: Enumerando objetos: 7, listo.  
remote: Comprimiendo objetos: 100% (7/7), listo.  
remote: Comprimiendo objetos: 100% (4/4), listo.  
remote: Escribiendo objetos: 100% (4/4), 518 bytes | 518.00 KiB/s, listo.  
remote: Total 4 (delta 2), reused 0 (delta 0), pack-reused 0 (from 0)  
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.  
remote: To https://github.com/josimar2/EGC-2425: feature/conflicto  
remote: 1 file changed, 1 insertion(+), 1 deletion(-)

remote: Enumerando objetos: 7, listo.  
remote: Comprimiendo objetos: 100% (7/7), listo.  
remote: Comprimiendo objetos: 100% (4/4), listo.  
remote: Escribiendo objetos: 100% (4/4), 518 bytes | 518.00 KiB/s, listo.  
remote: Total 4 (delta 2), reused 0 (delta 0), pack-reused 0 (from 0)  
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.  
remote: To https://github.com/josimar2/EGC-2425: feature/conflicto  
remote: 1 file changed, 1 insertion(+), 1 deletion(-)

No sabía que había que mantener las dos líneas de código. He resuelto el conflicto simplemente manteniendolo como estaba antes. Si lo hubiera sabido hubiera Aceptado los cambios por ambas partes. Lo siento.

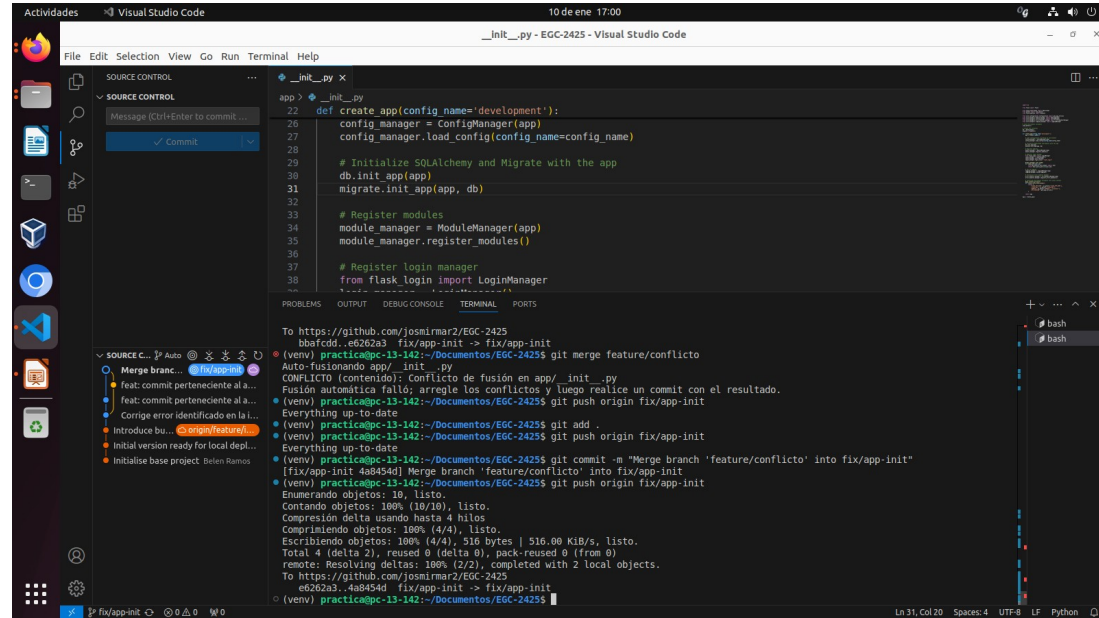
# Ejercicio Git

## Apartado 7



The screenshot shows the Visual Studio Code interface with the file `__init__.py` open. The left sidebar displays the Source Control view, showing a merge of branch `feature/conflicto` into `fix/app-init`. The main editor shows the Python code for `__init__.py`, which includes a `create_app` function and database initialization logic. The bottom terminal window shows the output of the merge command, indicating a successful merge with no conflicts.

```
def create_app(config_name='development'):  
    config_manager = ConfigManager(app)  
    config_manager.load_config(config_name=config_name)  
  
    # Initialize SQLAlchemy and Migrate with the app  
    db.init_app(app)  
    migrate.init_app(app, db)  
  
    # Register modules  
    module_manager = ModuleManager(app)  
    module_manager.register_modules()  
  
    # Register login manager  
    from flask_login import LoginManager  
    login_manager = LoginManager(app)
```

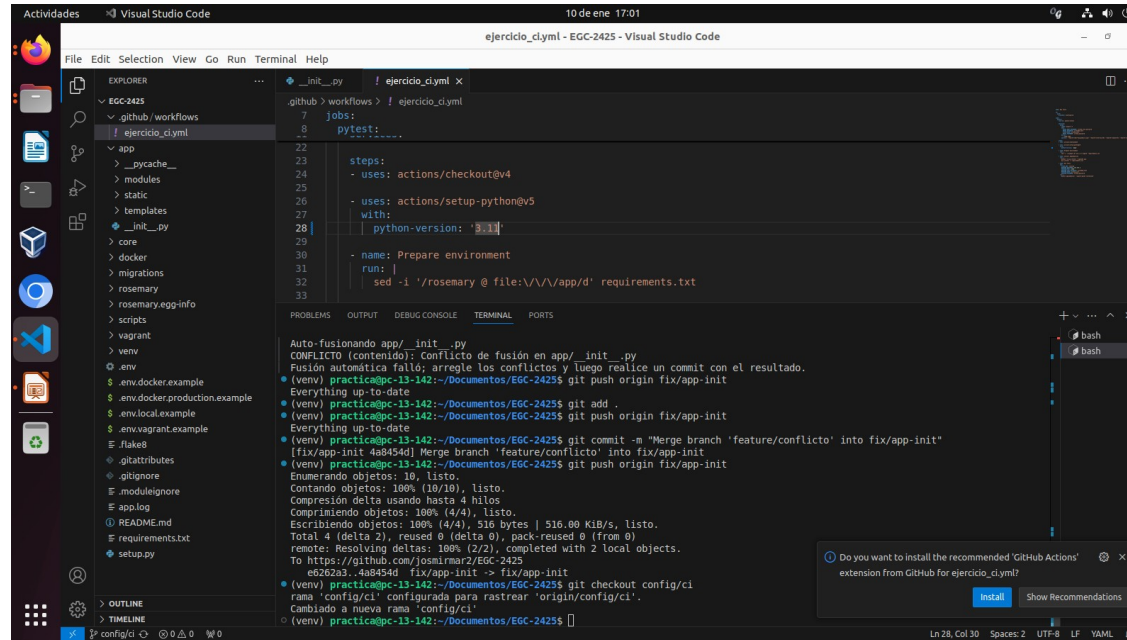


The screenshot shows the Visual Studio Code interface with the file `__init__.py` open. The left sidebar displays the Source Control view, showing a merge of branch `feature/conflicto` into `fix/app-init`. The main editor shows the Python code for `__init__.py`. The bottom terminal window shows the output of the merge command, indicating a conflict that needs to be resolved manually.

```
def create_app(config_name='development'):  
    config_manager = ConfigManager(app)  
    config_manager.load_config(config_name=config_name)  
  
    # Initialize SQLAlchemy and Migrate with the app  
    db.init_app(app)  
    migrate.init_app(app, db)  
  
    # Register modules  
    module_manager = ModuleManager(app)  
    module_manager.register_modules()  
  
    # Register login manager  
    from flask_login import LoginManager  
    login_manager = LoginManager(app)
```

# Ejercicio GitHub Actions

## *Apartado 1*



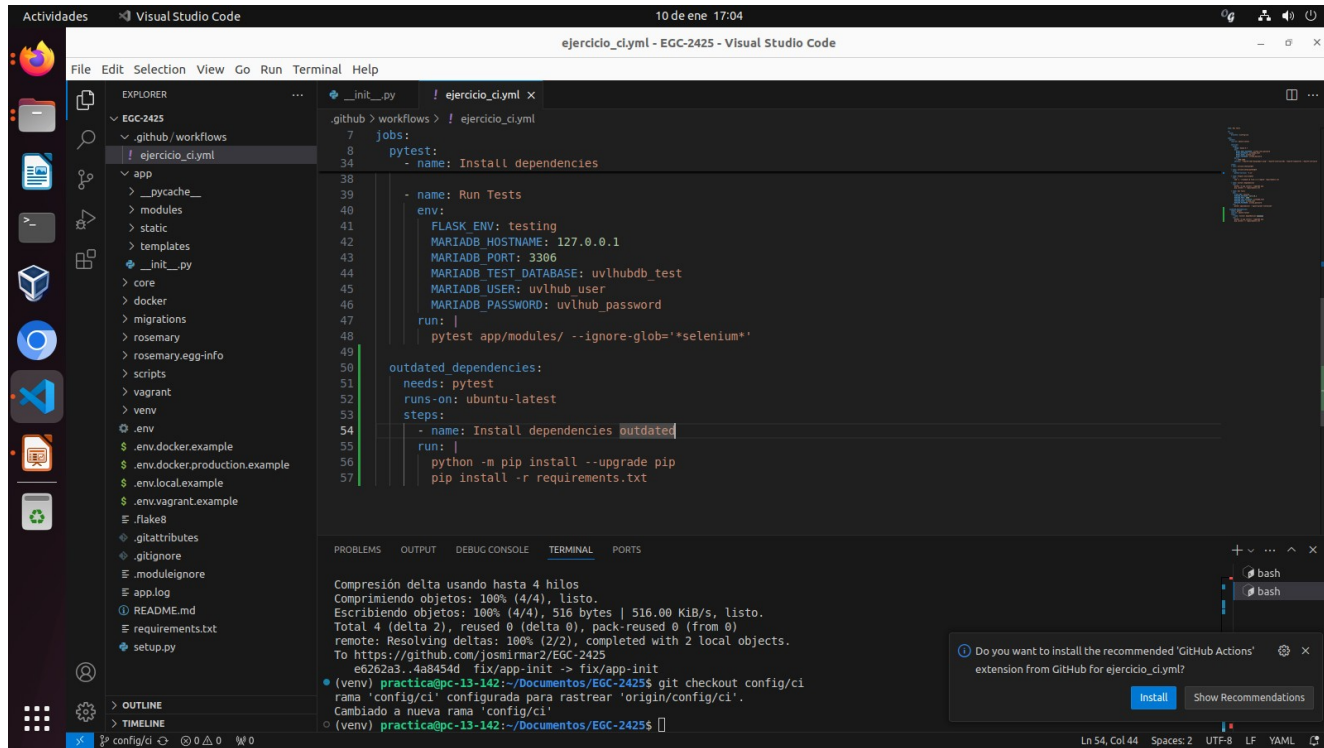
The screenshot shows the Visual Studio Code interface. The Explorer panel on the left displays the file structure of a project named 'EGC-2425', including a '.github/workflows' directory containing 'ejercicio\_ci.yml'. The main editor area shows the content of 'ejercicio\_ci.yml', which is a GitHub Actions workflow for running tests. The workflow includes a 'jobs' section with a 'pytest' job that uses 'actions/checkout@v4' and 'actions/setup-python@v5' to set up the environment and run 'pytest' on 'app/\_init\_.py'. The terminal window at the bottom shows the output of the workflow, including the installation of dependencies, the execution of 'pytest', and the creation of a new branch 'config/ci'.

```
ejercicio_ci.yml
1
2
3
4
5
6
7 jobs:
8   pytest:
9     runs-on: ubuntu-latest
10    steps:
11      - uses: actions/checkout@v4
12      - uses: actions/setup-python@v5
13        with:
14          python-version: '3.11'
15      - name: Prepare environment
16        run: |
17          sed -i 's/rosemary @ file:\\\\d\\app\\d\\ requirements.txt
```

```
Auto-fusionando app/_init_.py
CONFLICT (contenido): Conflicto de fusión en app/_init_.py
Fusión automática falló: arregle los conflictos y luego realice un commit con el resultado.
(venv) practica@pc-13-142:~/Documentos/EGC-2425$ git push origin fix/app-init
Everything up-to-date
(venv) practica@pc-13-142:~/Documentos/EGC-2425$ git add .
(venv) practica@pc-13-142:~/Documentos/EGC-2425$ git push origin fix/app-init
Everything up-to-date
(venv) practica@pc-13-142:~/Documentos/EGC-2425$ git commit -m "Merge branch 'feature/conflicto' into fix/app-init"
[fix/app-init 4a8454d] Merge branch 'feature/conflicto' into fix/app-init
(venv) practica@pc-13-142:~/Documentos/EGC-2425$ git push origin fix/app-init
Enumerando objetos: 10, listo.
Contando objetos: 100% (10/10), listo.
Compresión delta usando hasta 4 hilos.
Comprimiendo objetos: 100% (4/4), listo.
Escribiendo objetos: 100% (4/4), 516 bytes | 516.00 KiB/s, listo.
Total 4 (delta 2), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
To https://github.com/josmar2/EGC-2425
c6262d2..4a8454d fix/app-init -> fix/app-init
(venv) practica@pc-13-142:~/Documentos/EGC-2425$ git checkout config/ci
rama 'config/ci' configurada para rastrear 'origin/config/ci'.
Cambiado a nueva rama 'config/ci'
(venv) practica@pc-13-142:~/Documentos/EGC-2425$
```

# Ejercicio GitHub Actions

## *Apartado 2*



The screenshot shows the Visual Studio Code interface with the file explorer on the left displaying the project structure. The main editor shows the content of the `ejercicio_ci.yml` file, which is a GitHub Actions workflow. The workflow has two jobs: `pytest` and `name: Install dependencies`. The `pytest` job is configured to run on `ubuntu-latest` and includes environment variables for `FLASK_ENV`, `MARIADB_HOSTNAME`, `MARIADB_PORT`, `MARIADB_TEST_DATABASE`, `MARIADB_USER`, and `MARIADB_PASSWORD`. The `name: Install dependencies` job is also configured to run on `ubuntu-latest` and includes a `run` step that executes `python -m pip install --upgrade pip` and `pip install -r requirements.txt`.

The terminal window at the bottom shows the output of a `git checkout` command, indicating that the repository was successfully checked out and the working directory is now `config/ci`.

```
ejercicio_ci.yml - EGC-2425 - Visual Studio Code

File Edit Selection View Go Run Terminal Help

EXPLORER
  EGC-2425
    .github/workflows
      ! ejercicio_ci.yml
    app
      __pycache__
      modules
      static
      templates
      __init__.py
    core
    docker
    migrations
    rosemary
    rosemary.egg-info
    scripts
    vagrant
    venv
    .env
    .env.docker.example
    .env.docker.production.example
    .env.local.example
    .env.vagrant.example
    .flake8
    .gitattributes
    .gitignore
    .moduleignore
    app.log
    README.md
    requirements.txt
    setup.py

OUTLINE
  TIMELINE

ejercicio_ci.yml
7 jobs:
8   pytest:
34     - name: Install dependencies
38
39   - name: Run Tests
40     env:
41       FLASK_ENV: testing
42       MARIADB_HOSTNAME: 127.0.0.1
43       MARIADB_PORT: 3306
44       MARIADB_TEST_DATABASE: uvlhubdb_test
45       MARIADB_USER: uvlhub user
46       MARIADB_PASSWORD: uvlhub_password
47     run: |
48       pytest app/modules/ --ignore-glob='*selenium*'
49
50   outdated dependencies:
51     needs: pytest
52     runs-on: ubuntu-latest
53     steps:
54       - name: Install dependencies outdated
55       run: |
56         python -m pip install --upgrade pip
57         pip install -r requirements.txt

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Compresión delta usando hasta 4 hilos
Comprimiendo objetos: 100% (4/4), listo.
Escribiendo objetos: 100% (4/4), 516 bytes | 516.00 KiB/s, listo.
Total 4 (delta 2), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
To https://github.com/josmirmar2/EGC-2425
e6262a3..4a8454d fix/app-init -> fix/app-init
• (venv) practica@pc-13-142:~/Documentos/EGC-2425$ git checkout config/ci
rama 'config/ci' configurada para rastrear 'origin/config/ci'.
Cambiado a nueva rama 'config/ci'
• (venv) practica@pc-13-142:~/Documentos/EGC-2425$
```

# Ejercicio GitHub Actions

## *Apartado 3*

The screenshot shows a web browser window displaying a GitHub Actions workflow run. The browser's address bar shows the URL: `https://github.com/josmirmar2/EGC-2425/actions/runs/12713258389/job/35440803718`. The workflow is titled "fix: añadir la parte previa para que funcione #3". The "outdated\_dependencies" job is selected, showing a list of steps and their durations.

**Workflow Summary:**

- Run tests
- Summary
- Jobs
  - pytest
  - outdated\_dependencies**
- Run details
  - Usage
  - Workflow file

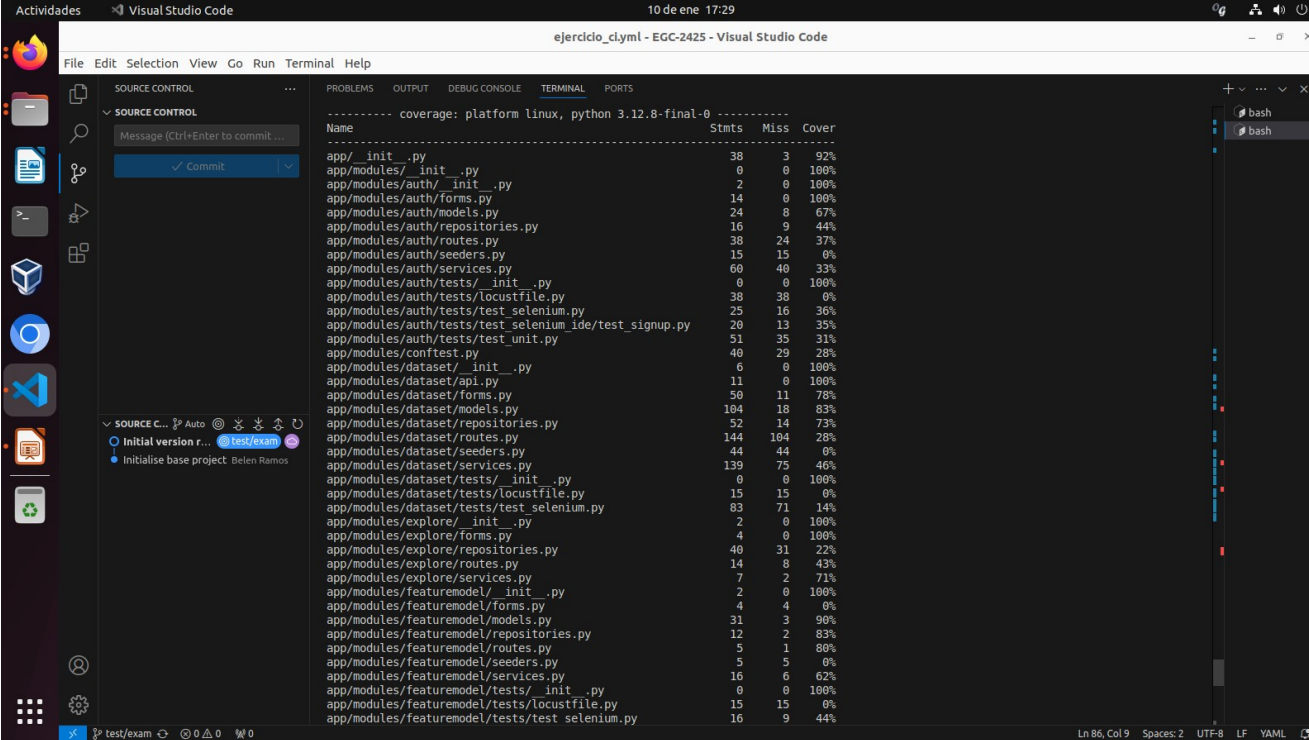
**Annotations:** 1 warning

**outdated\_dependencies** succeeded now in 51s

Step	Duration
Set up job	0s
Initialize containers	24s
Run actions/checkout@v4	0s
Run actions/setup-python@v5	0s
Prepare environment	0s
Install dependencies outdated	23s
Post Run actions/setup-python@v5	0s
Post Run actions/checkout@v4	0s
Stop containers	1s
Complete job	0s

# Ejercicio Pruebas

## *Apartado 1*



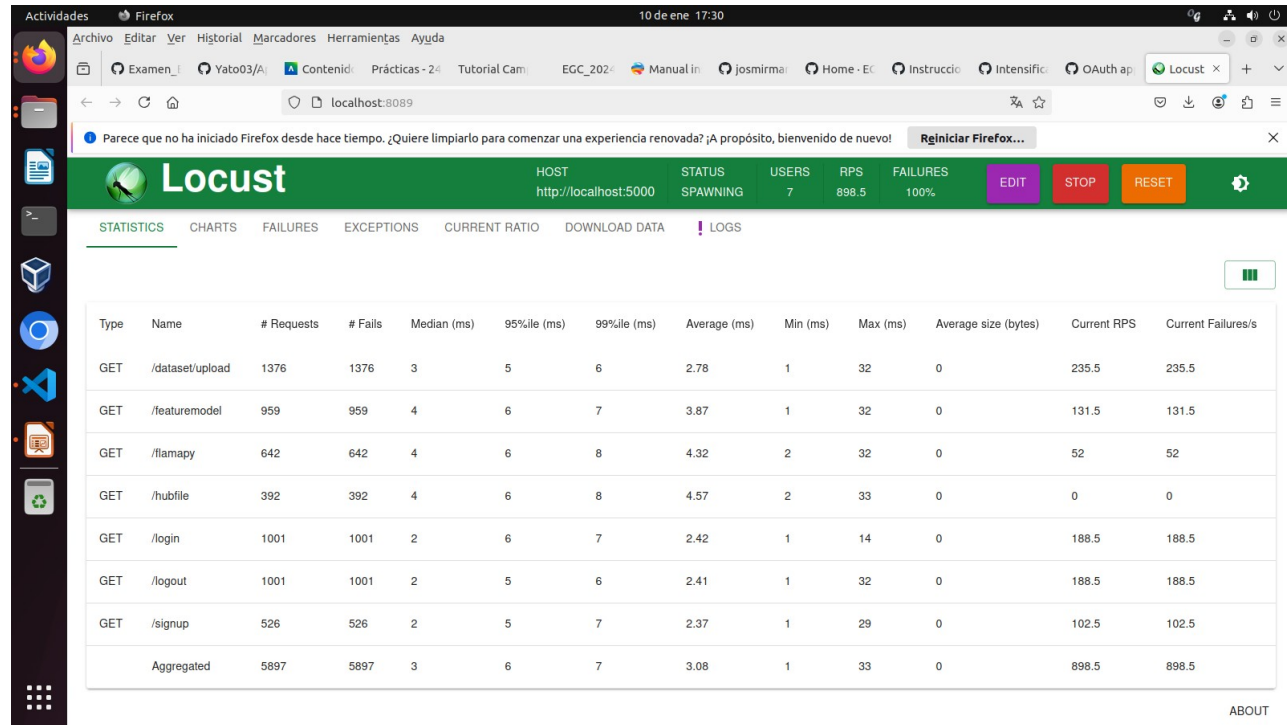
The screenshot shows the Visual Studio Code interface with a coverage report displayed in the terminal. The report is for a platform of linux, python 3.12.8-final-0. The report lists the following files and their coverage statistics:

Name	Stmts	Miss	Cover
app/ init_.py	38	3	92%
app/modules/ init_.py	0	0	100%
app/modules/auth/ init_.py	2	0	100%
app/modules/auth/forms.py	14	0	100%
app/modules/auth/models.py	24	8	67%
app/modules/auth/repositories.py	16	9	44%
app/modules/auth/routes.py	38	24	37%
app/modules/auth/seeder.py	15	15	0%
app/modules/auth/services.py	60	40	33%
app/modules/auth/tests/ init_.py	0	0	100%
app/modules/auth/tests/locustfile.py	38	38	0%
app/modules/auth/tests/test_selenium.py	25	16	36%
app/modules/auth/tests/test_selenium_id/test_signup.py	20	13	35%
app/modules/auth/tests/test_unit.py	51	35	31%
app/modules/conf/test.py	40	29	28%
app/modules/dataset/ init_.py	6	0	100%
app/modules/dataset/api.py	11	0	100%
app/modules/dataset/forms.py	50	11	78%
app/modules/dataset/models.py	104	18	83%
app/modules/dataset/repositories.py	52	14	73%
app/modules/dataset/routes.py	144	104	28%
app/modules/dataset/seeder.py	44	44	0%
app/modules/dataset/services.py	139	75	46%
app/modules/dataset/tests/ init_.py	0	0	100%
app/modules/dataset/tests/locustfile.py	15	15	0%
app/modules/dataset/tests/test_selenium.py	83	71	14%
app/modules/explore/ init_.py	2	0	100%
app/modules/explore/forms.py	4	0	100%
app/modules/explore/repositories.py	40	31	22%
app/modules/explore/routes.py	14	8	43%
app/modules/explore/services.py	7	2	71%
app/modules/featuremodel/ init_.py	2	0	100%
app/modules/featuremodel/forms.py	4	4	0%
app/modules/featuremodel/models.py	31	3	90%
app/modules/featuremodel/repositories.py	12	2	83%
app/modules/featuremodel/routes.py	5	1	80%
app/modules/featuremodel/seeder.py	5	5	0%
app/modules/featuremodel/services.py	16	6	62%
app/modules/featuremodel/tests/ init_.py	0	0	100%
app/modules/featuremodel/tests/locustfile.py	15	15	0%
app/modules/featuremodel/tests/test_selenium.py	16	9	44%



# Ejercicio Pruebas

## *Apartado 2*



# Ejercicio Pruebas

*Apartado 3*



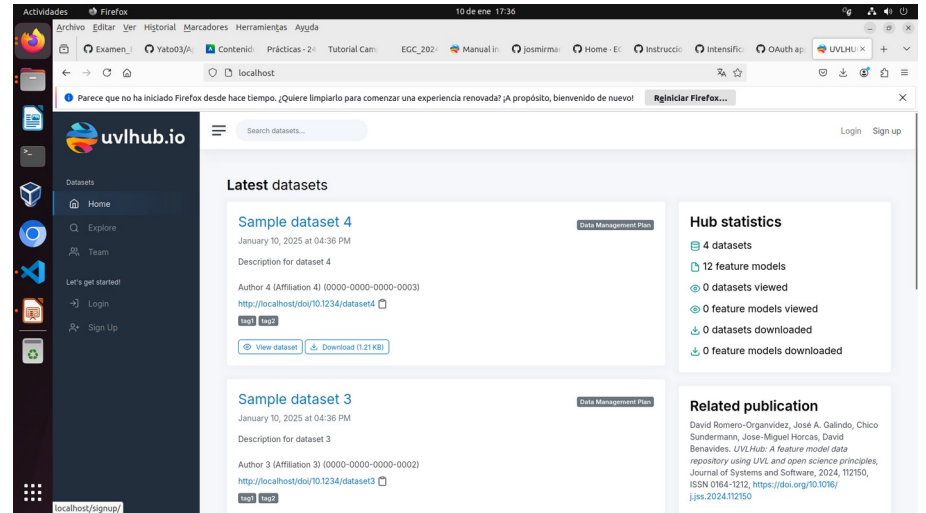
# Ejercicio Pruebas

*Apartado 4*

# Ejercicio Pruebas

*Apartado 5*

## Apartado 1



# Ejercicio Vagrant

## *Apartado 1*

Me da error y no me da tiempo a solucionarlo, pero he elaborado estos comandos:

```
rm -r uploads
```

```
rm -r rosemary.egg-info
```

```
rm app.log*
```

```
cp .env.vagrant.example .env
```

```
cd vagrant
```

```
vagrant up
```

Y tras ello acedo a la URI: <http://localhost:5000>, lo que me debería de mostrar a app